

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

Number ST03906AT

This certificate issued to EMTEQ Engineering
3110 Commerce Parkway
Miramar, FL 33025

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified herein meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product - Type Certificate Number : A21EA
Make : Bombardier
Model : CL-600-2B19

Description of Type Design Change: Installation of the EMTEQ LED Anti-Collision/Position (Navigation) Light in the Bombardier Regional Jet 100/200/440 (CL-600-2B19) Aircraft and associated hardware in accordance with Master Drawing List 2-83710-001 Revision B dated December 28, 2010 or later FAA approved drawing revisions.

Limitations and Conditions: This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determine by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: April 13, 2009

Date reissued:

Date of issuance: February 4, 2011

Date amended:

By direction of the Administrator



(Signature)

Melvin D. Taylor
Manager,
Atlanta Aircraft Certification Office

(Title)

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Supplemental Type Certificate
(Continuation Sheet)

Number ST03906AT

Instructions for Continued Airworthiness (ICA), EMTEQ Engineering Document No. 2-83710-805, Rev. B, dated December 28, 2010, or later FAA accepted revision must be made available to the operator at the time of installation.

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Bombardier Regional Jet 100/200/440 (CL-600-2B19) aircrafts is as follows:

- a. The type certification basis for Bombardier Regional Jet 100/200/440 (CL-600-2B19) aircraft is shown on TCDS A21EA for parts **not changed or not affected** by the change.
- b. The certification basis for parts **changed or affected** by the change since the reference date of application, April 13, 2009 is based upon part 25 as amended by Amendment 25-129. Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment 25-0 through 25-129

25.23, 25.581, 25.603, 25.611, 25.613, 25.625, 25.863, 25.899, 25.1301, 25.1309, 25.1351, 25.1353, 25.1357, 25.1385, 25.1387, 25.1389, 25.1391, 25.1393, 25.1395, 25.1397, 25.1401, 25.1431, 25.1529
Appendix F

Regulations at an intermediate amendment

Appendix H

Regulations at the amendment level in TCDS A21EA

Appendix G

14 CFR Part 26 Regulations

Based on 14 CFR §21.101(g), applicable provision of 14 CFR part 26 are included in the certification basis. For any future 14 CFR part 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections. As of the issuance date of this STC, compliance has been found for the following regulation: 14 CFR §26.11.

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